

产品名称: CAR Rabbit Polyclonal Antibody

产品货号: APRab07916

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,ELISA
种属反应(Reactivity)	Human,Mouse,Rat
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液(Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
分子量(Molecular Weight)	40kDa

抗原信息(Antigen Information)

基因名(Gene Name)	CXADR
别名(Alternative Names)	CXADR; CAR; Coxsackievirus and adenovirus receptor; CAR; hCAR; CVB3-binding protein; Coxsackievirus B-adenovirus receptor; HCVADR
基因 ID(Gene ID)	1525.0
SwissProt ID	P78310
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human CXADR. AA range:1-50

研究背景 (Background)

The protein encoded by this gene is a type I membrane receptor for group B coxsackieviruses and subgroup C adenoviruses.

Several transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene are found on chromosomes 15, 18, and 21. [provided by RefSeq, May 2011],domain:The Ig-like C2-type 1 domain probably mediates homodimerization and interaction with JAML.,domain:The PDZ-binding motif mediates interaction with MPDZ and BAIAP1.,function:Component of the epithelial apical junction complex that is essential for the tight junction integrity. Proposed to function as a homophilic cell adhesion molecule. Recruits MPDZ to intercellular contact sites. Probably involved in transepithelial migration of polymorphonuclear leukocytes (PMN) through adhesive interactions with AMICA1/JAML located in the plasma membrane of PMN.,PTM:N-glycosylated.,PTM:Palmitoylated on Cys-259 and/or Cys-260; required for proper localization to the plasma membrane.,similarity:Contains 2 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:In epithelial cells localizes to the apical junction complex composed of tight and adherens junctions. In airway epithelial cells localized to basolateral membrane but not to apical surface.,subunit:Monomer. Probably homodimer formed by 2 molecules on adjacent cells. Interacts with LNX, MPDZ, BAIAP1, DLG4, PRKCABP, TJP1 and CTNNB1. Secreted isoform 3, isoform 4 and isoform 5 can interact with the extracellular domain of the receptor. Interacts with adenovirus subgroup A, C, D, E and F fiber proteins as well as coxsackievirus B1, B2, B3, B4, B5 and B6 capsid proteins and acts as a receptor for these viruses.,tissue specificity:Expressed in pancreas, brain, heart, small intestine, testis, prostate and at a lower level in liver and lung. Isoform 5 is ubiquitously expressed while isoform 3 is expressed in heart, lung and pancreas. In skeletal muscle, isoform 1 is found at the neuromuscular junction and isoform 2 is found in blood vessels. In cardiac muscle, isoform 1 and isoform 2 are found at intercalated disks. In heart expressed in subendothelial layers of the vessel wall but not in the luminal endothelial surface. Expression is elevated in hearts with dilated cardiomyopathy.,

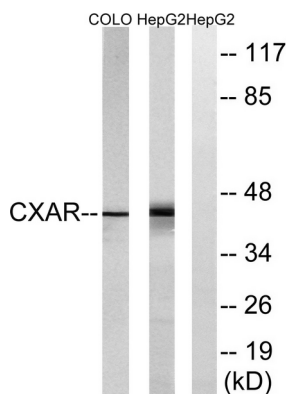
研究领域 (Research Area)

Viral myocarditis;

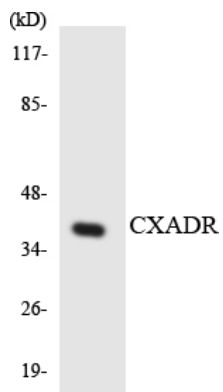
注意事项 (Note)

For research use only.

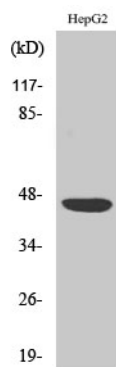
图片 (Image Data)



Western blot analysis of lysates from HepG2 and COLO cells, using CXADR Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HeLa cells using CXADR antibody.



Western Blot analysis of various cells using CAR Polyclonal Antibody

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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